

DRIVE ARRANGEMENT FOR A CONVEYING DEVICE

Abstract of the Disclosure

A drive arrangement for a conveying device for the conveying of a flowing medium is described, particularly for the conveying of air or fluid. The drive arrangement contains a drive engine whose rotational speed can be varied, an auxiliary motor that can be continuously controlled and a summing gearbox. The summing gearbox is connected on its output side with the conveying device and on its input side with the drive engine and the auxiliary motor. Furthermore, the drive arrangement contains a control unit that controls the auxiliary motor. In order to make possible an improved control or regulation of the conveying performance compared to linear, rigidly driven conveying devices, it is proposed that at least one magnitude of the condition of the flowing medium be detected by at least one sensor and to control or regulate the auxiliary motor of the drive arrangement by the control unit as a function of at least one magnitude of the condition of the medium.